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FIG. 1

10	20	30	40	50	60
ATTTAGTTATAAAATGTTGCTATTGTTGATCTAGTGGCTCTGAATCTTTAGTGAGGCAG					
70	80	90	100	110	120
ATGATGAAAGATTATGAAATTCTCATGAAATTATTGTAAGAAAAAGAACATAGAGAAGCT					
130	140	150	160	170	180
GCGGAATGAAAGTACACTGTTCTTCACGGAGAAAAGAAGATAATAAGCATTATCTTCTT					
190	200	210	220	230	240
CTTCAGTTTAAACACACATTGGAAATTGTGATGTAATAATTCTCTTGGAACGTTGT					
250	260	270	280	290	300
GTTGTCTGAAATCTTCCCAAAGGTCTATCAGAAGAAGAAGGATAAAAGTTCATAGAAC					
310	320	330	340	350	360
CCAATGGACAACAAACAACAAACACTTTAGTTCTCTGGATAATGTCATGACTAAC					
370	380	390	400	410	420
CAAATCCTCTCTCATGGATTITATACCTTCAGAGAAGATTCAACTTCATTCTCAACA					
430	440	450	460	470	480
ATGCTTCCATGGAATAACCATCAGATCAGATCCTCTACAAATGGGGCTTGTATTTTC					
490	500	510	520	530	540
AATTCTATGCTGACTAACAAATACTTATCATCTTCTCACGGTCTATCGATGTTCAAGAT					
550	560	570	580	590	600
AACCGQAATGTTGAGTTCATGGCTCCCTCCTCATCCCTCCACTTCATCCTTGAT					
610	620	630	640	650	660
CATTAAGACACTATGATGATTCTCAAAACACATGGGGTTTGAAGCAAAATAGTGA					
670	680	690	700	710	720
TTTCAGGCATTTCAGGTAGTTGGTCCAAAGTGAACCAATGATGTCTACATTGGTGA					

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FIG. 1 (CONT'D)

730	740	750	760	770	780
GAAGATTCCCGTTCTAATTCAATAAAAGAACATAATGAGCTTCAATTGAGTCCTGCA					
790	800	810	820	830	840
TCAGATGTTCTGATGAAATGGCTCGGAGATAAGTCCTTGAGCTACAAGATTAGCCTCA					
850	860	870	880	890	900
GAGCAAGGCTTCTTGAGGGAGAAAGACATTCTAATAACGTTACTCAAGGTTTCTCT					
910	920	930	940	950	960
CAACTTATTTGGCTCAAAAATACCTTCACTCTGTCAAGAAATACTATCTCATTTGCC					
970	980	990	1000	1010	1020
GCATACTCGCTCGATTATTCACTCTCGAGGAACCGAGTCAGGAGCTGCTAGTTCAAGCCTT					
1030	1040	1050	1060	1070	1080
ACTTCACGTTTGGATAACTGAGTTCTGTGATGGTATTCTAAATAACTCGGAGGGCG					
1090	1100	1110	1120	1130	1140
GGTTCGGATCTACATTCAAGGGAGGCAATTAGAACGAAAGAAAAACCCATCTCTGGAT					
1150	1160	1170	1180	1190	1200
CTTCCTCAAATGGTGGATGATGGATATAGTCATTGGTAGATGAGATCATACGGTTATA					
1210	1220	1230	1240	1250	1260
TCAGCGTCCATGCTGCAACCGAGTTAGATCCACAGTTACACACCCGGTTGCCCTCCAA					
1270	1280	1290	1300	1310	1320
ACCGGTTCTTCTTATAAGAACCTGAGAGAGAAATCTGCAATAATAATCTCTATG					
1330	1340	1350	1360	1370	1380
GGATCTGTATTGGAGGAGGCAAAAGACATAAGAAACCTCTATGTTCCACAGGAT					
1390	1400	1410	1420	1430	1440

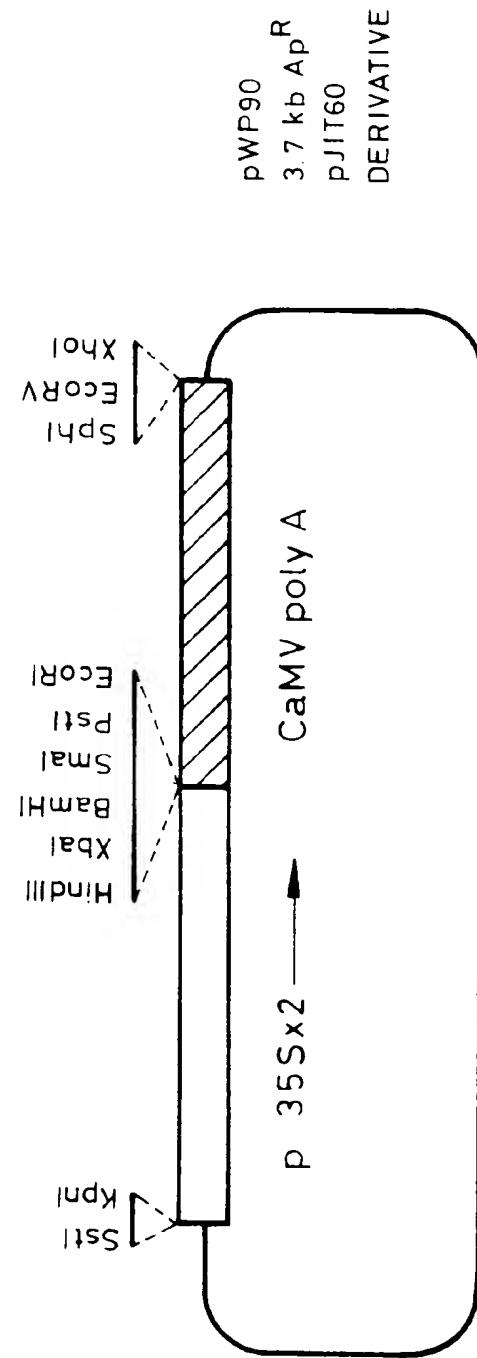
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TGCCTTCAGCAGCTGAAACGAAAGAACCATCAGATTGGAGACCTCAACGAGGGTTG  
1450 1460 1470 1480 1490 1500  
CCTGAGAAATCTGTGTTGGTTCTACGGAATTGGATGTTCCAAAACCTTACCCCTTAC  
1510 1520 1530 1540 1550 1560  
CGGAAGATTGGAGAACATCTCTAGCTATAACGAAACTGGCTTGACAAGAAGTCAGGTA  
1570 1580 1590 1600 1610 1620  
TCAAACCTGGTTATAAATGCCGGTTAGGCTATGGAAAGCCGATGATAAGAGAGATGTAT  
1630 1640 1650 1660 1670 1680  
GCGGAATGAAACAGGAAGCTCAATAACAGTCACATTCAACCCAACGGGACCAACTCTT  
1690 1700 1710 1720 1730 1740  
CGAATGCCAAAATCTGTATGATGAGCCAAAGCAATGCATAAAATAAGACAACAAATTGTGTT  
1750 1760 1770 1780 1790 1800  
TACCAACTTTGTGATAAATTAGGCCAATTGCTACTCTATGATTGCCAAAACCTAAACCATG  
1810 1820 1830 1840 1850 1860  
TACGACTATCATTACGTATGTTATAATTGTATATACAACTCCCTTATCTTTGACTATTTC  
1870 1880 1890 1900  
ATTTTAAAAAA

FIG. 1 (CONT'D)

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FIG. 2

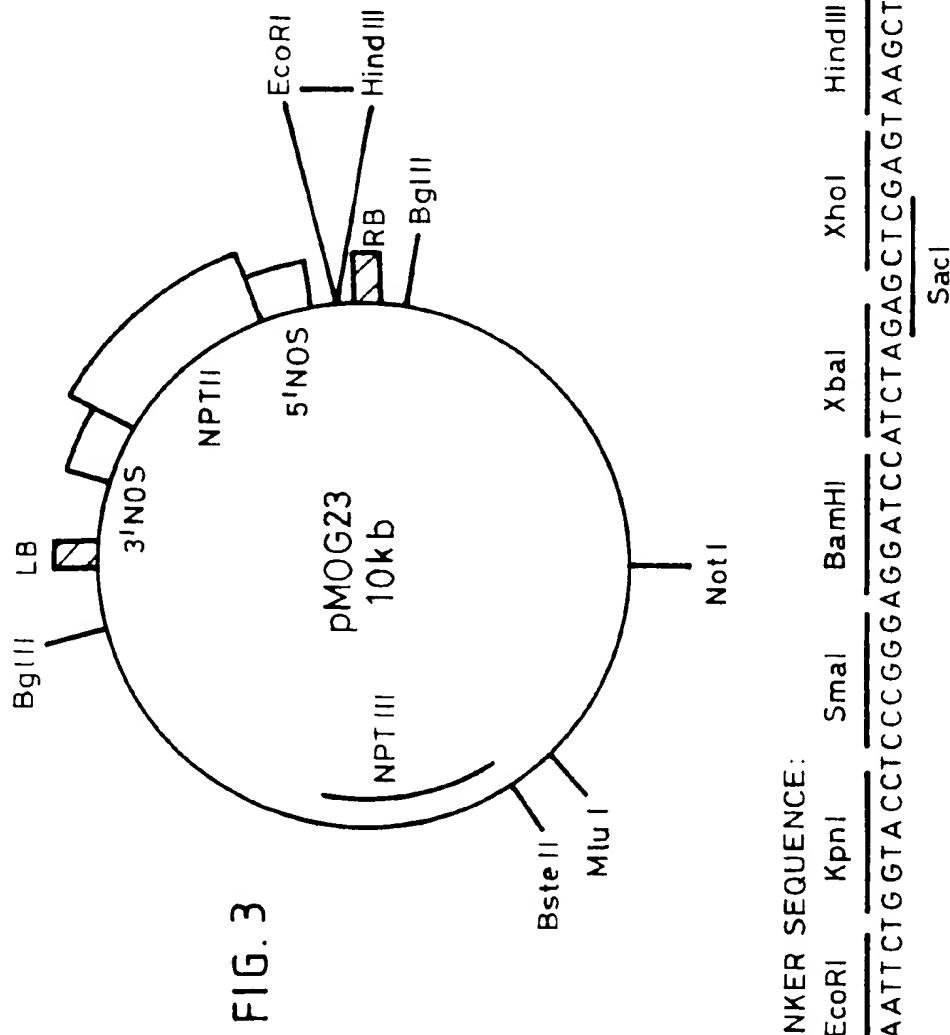


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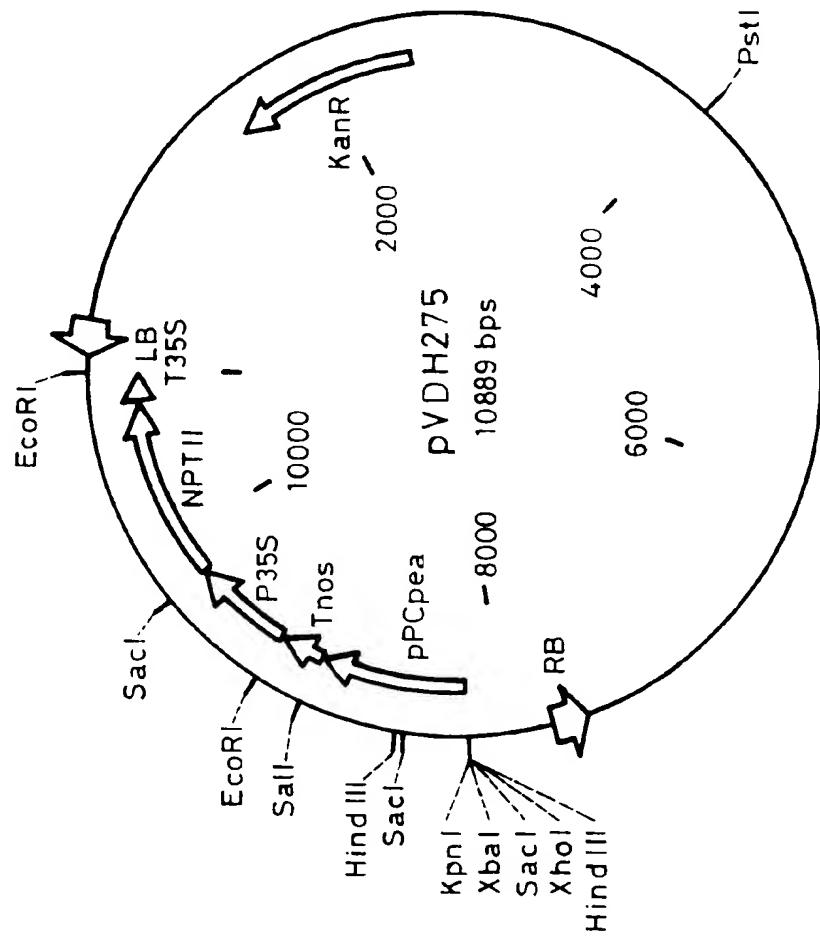
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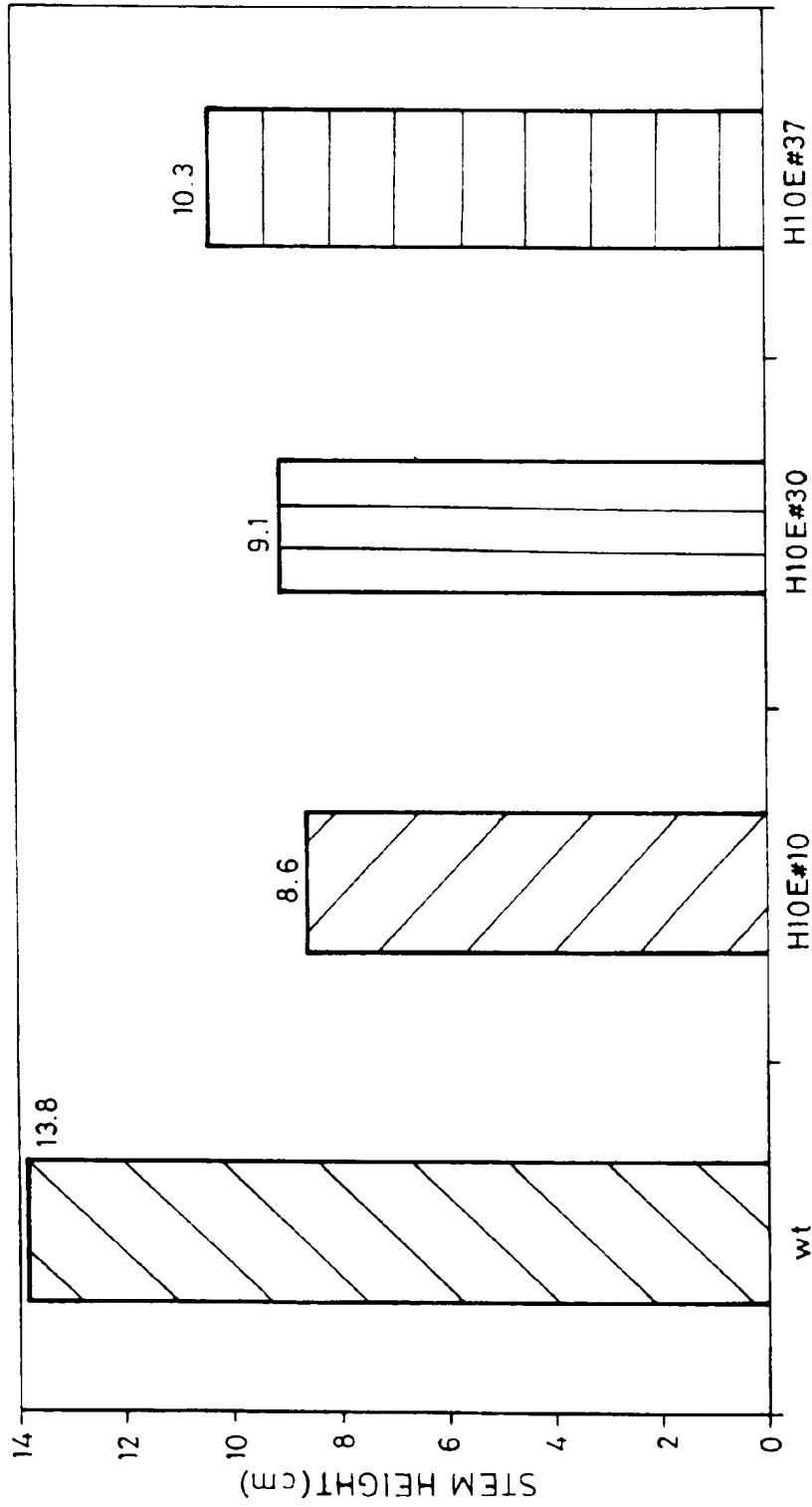
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FIG. 4

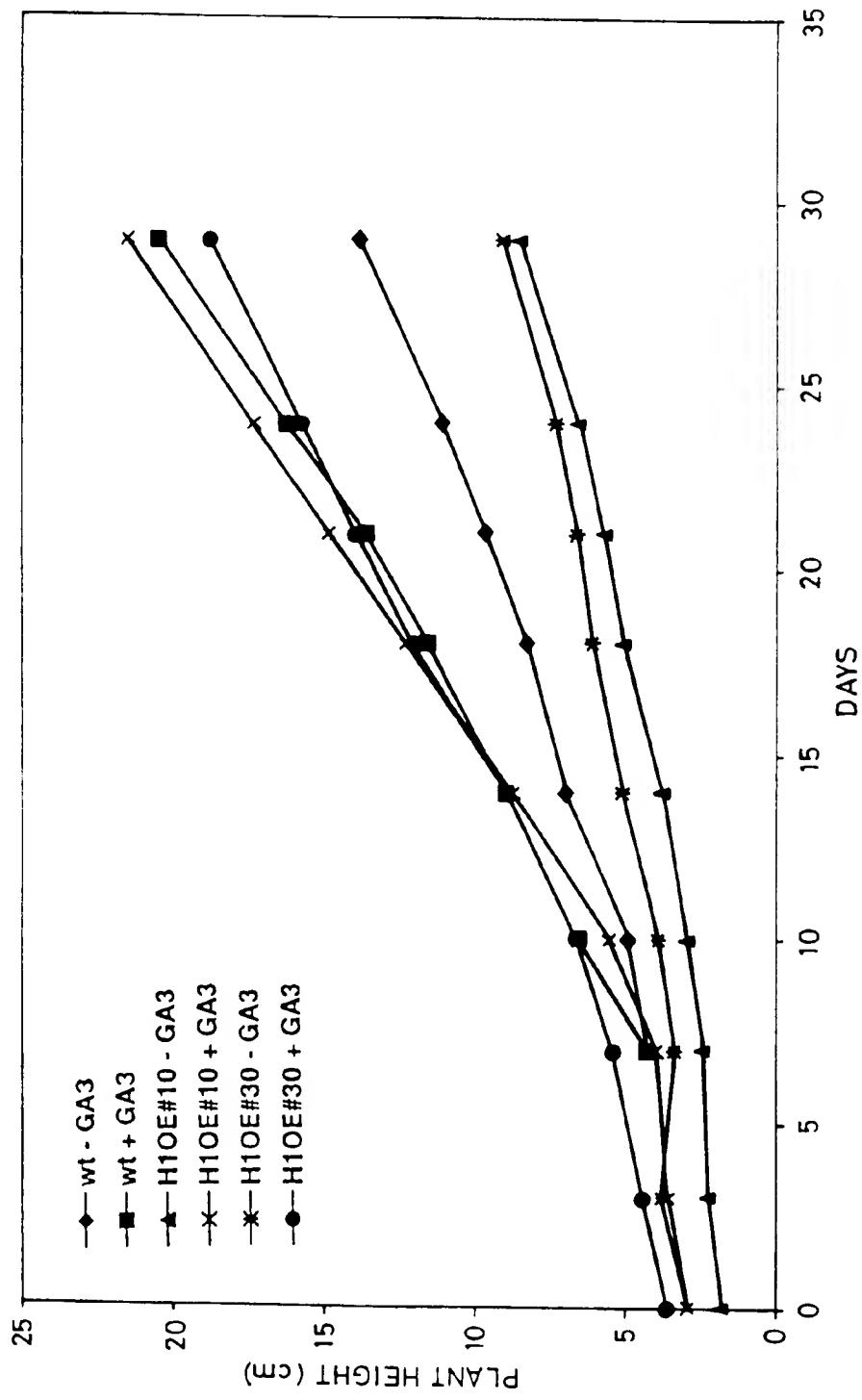


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FIG. 5 *AtH1* OVEREXPRESSION CAUSES A REDUCTION IN STEM ELONGATION



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FIG. 6 REVERSION OF *AtH1* OVEREXPRESSION PHENOTYPE BY GA3

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FIG. 7

## FLOWERING TIME OF ATH1 TRANSGENES

